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Division of Forensic Services

Crime Scene Services Command

UNIVERSITY OF ILLINOIS-URBANA



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*Forensic Diagramming
& Animation*



Illinois State Police

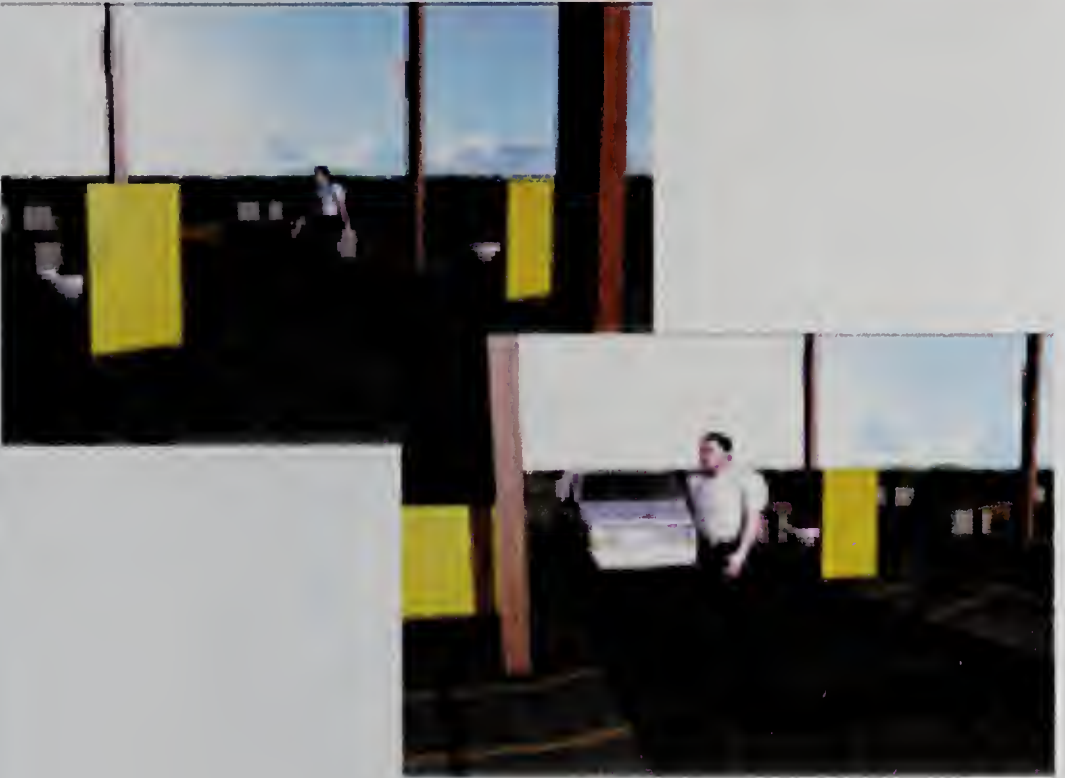
Services Provided:

- ◆ **2D and 3D Diagrams**
- ◆ **2D and 3D Animations/
Body Charts**
- ◆ **Forensic Mapping**



Forensic Mapping utilizing the Total Station.

Cases Covered:



In the above reckless homicide in which a toll worker was killed, a 3D Animation was created using the total station.



In this reckless homicide, a Chicago Fire Department Lieutenant was killed by a DUI Driver. With the combined data from the total station and the expert crash reconstruction officer, legislation for Scott's Law was created.

3D Body Charts:



Three Dimensional Body Charts are used to represent to the jury injuries sustained by a victim. They are often used in place of autopsy photographs which may be considered prejudicial to a jury.



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We live in a visual society. The ability to visually illustrate to a judge and jury what occurred at a crime or crash scene when accompanied by expert testimony is extremely effective.

Computer generated diagrams and animations have the ability to virtually take a judge or juror to the scene without ever leaving the courtroom.

The Illinois State Police (ISP) is just one of a premier group of law enforcement agencies in this country using this new computer technology. Another new advancement in technology that the Forensic Diagramming & Animation Section (FDA) is using is forensic mapping. Forensic mapping is a method of measurement that utilizes total station equipment. The total station is a device used to capture distance and elevation data.

Forensic Diagramming & Animation

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